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Recovery of high purity carbon monoxide for polycarbonate and isocyanate
prodn. - from bisphenol A residues by splitting at high temp. and
pressure

Patent Assignee: BAYER AG (FARB)

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Number of Countries: 004 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19510768	A1	19960926	DE 1010768	A	19950324	199644 B
JP 8259210	A	19961008	JP 9689031	A	19960319	199650
NL 1002647	C2	19961217	NL 961002647	A	19960319	199710
BE 1009517	A3	19970401	BE 96254	A	19960320	199719

Priority Applications (No Type Date): DE 1010768 A 19950324

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 19510768	A1	3		C01B-031/18	
JP 8259210	A	3		C01B-031/18	
NL 1002647	C2	7		C01B-031/18	
BE 1009517	A3	10		C01B-000/00	

Abstract (Basic): DE 19510768 A

Recovery of CO with purity above 98 vols.% from bisphenol A
residues involves splitting the residues at 1000-1600deg. C and 20-80
bars.

USE - The very pure CO can be used as raw material in prodn. of
polycarbonates, e.g. via prodn. of COCl₂, or in prodn. of isocyanates.

ADVANTAGE - Prodn. of CO during combustion or disposal of resin
residue, waste air or halogen-free organic waste is reduced.

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Title Terms: RECOVER; HIGH; PURE; CARBON; POLYCARBONATE; ISOCYANATE;
PRODUCE; BISPHENOL; RESIDUE; SPLIT; HIGH; TEMPERATURE; PRESSURE

Derwent Class: A35; E36

International Patent Class (Main): C01B-000/00; C01B-031/18

International Patent Class (Additional): C07C-039/16; C08J-011/02;
C10B-053/00; C10J-003/68

File Segment: CPI

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